

12-23-99

LSI-99-299

A



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Art Unit:
Chintan Desai)
Serial No. [Not yet assigned]) Examiner:
Filed: December 21, 1999)
For: RECEIVER DESERIALIZER)
CIRCUIT FOR FRAMING PARALLEL)
DATA)

JC530 U.S. PTO
109/468746
12/21/99

CERTIFICATE OF MAILING

"Express Mail" mailing label no: EL100016184US
Date of Deposit: December 21, 1999
I hereby certify that this correspondence is being
deposited with the United States Postal Service "Express
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1.10 on the date indicated above and is addressed to:

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231


Diane Morse

TRANSMITTAL LETTER

Honorable Assistant Commissioner
for Patents
Box Patent Application
Washington, D.C. 20231

Dear Sir:

Enclosed for filing please find the patent application for an invention entitled,
"RECEIVER DESERIALIZER CIRCUIT FOR FRAMING PARALLEL DATA", filed on
behalf of LSI Logic Corporation, assignee from inventor Chintan Desai, including Utility
Patent Application Transmittal, 12 pages of specification, 5 pages of claims, 5 sheets of
drawing figures, and 1 page of Abstract. Also enclosed herewith are the Combined
Declaration and Power of Attorney, and Recordation Form Cover Sheet and
Assignment.

The attorney's Docket Number is LSI-99-299.

Kindly address all communications regarding this application to:

Bruce R. Hoppenfeld
LSI Logic Corporation
Patent Law Department
1551 McCarthy Boulevard, M/S D-106
Milpitas, CA 95035

A check in the amount of \$760.00 is enclosed for the filing fee for a large entity, calculated as follows:

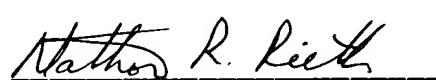
Basic Filing Fee:	\$ 760.00
No Additional Independent Claims:	\$.00
20 Additional Dependent Claims	\$.00
No <u>Multiple Dependent Claims:</u>	\$.00
Total Filing Fee:	\$ 760.00

A check in the amount of \$40.00 is also enclosed for the Assignment fee.

In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, the Assistant Commissioner is hereby authorized to charge or credit the difference to our Deposit Account No. 04-0025. A duplicate of this page is enclosed.

Respectfully submitted,
D'ALESSANDRO & RITCHIE

Dated: December 21, 1999


Nathan R. Rieth
Reg. No. 44,302

D'Alessandro & Ritchie
P.O. Box 640640
San Jose, CA 95164-0640
(408) 441-1100

COPY

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No Additional Independent Claims:	\$.00
20 Additional Dependent Claims	\$.00
No <u>Multiple Dependent Claims</u> :	\$.00
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San Jose, CA 95164-0640
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 800.00

Complete if Known	
Application Number	
Filing Date	December 21, 1999
First Named Inventor	Chintan Desai
Examiner Name -	
Group / Art Unit	
Attorney Docket No.	LSI-99-299

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 04-0025
Deposit Account Name D'Alessandro & Ritchie

Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17 Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance

2. Payment Enclosed:
 Check Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	790	201 395 Utility filing fee	760
108	330	208 165 Design filing fee	
107	540	207 270 Plant filing fee	
108	790	208 395 Reissue filing fee	
114	150	214 75 Provisional filing fee	
SUBTOTAL (1) (\$)			760

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	19	-20** = 0	X 18 = 0
Independent Claims	3	-3** = 0	X 78 = 0
Multiple Dependent			0 = 0

** or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	22	203 11 Claims in excess of 20
102	62	202 41 Independent claims in excess of 3
104	270	204 135 Multiple dependent claim, if not paid
109	82	208 41 ** Reissue independent claims over original patent
110	22	210 11 ** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 85 SurchARGE - late filing fee or oath	
127	50	227 25 SurchARGE - late provisional filing fee or cover sheet	
139	130	139 130 Non-English specification	
147	2,520	147 2,520 For filing a request for reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for reply within first month	
118	400	216 200 Extension for reply within second month	
117	950	217 475 Extension for reply within third month	
118	1,510	218 755 Extension for reply within fourth month	
128	2,080	228 1,030 Extension for reply within fifth month	
119	310	219 155 Notice of Appeal	
120	310	220 155 Filing a brief in support of an appeal	
121	270	221 135 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 55 Petition to revive - unavoidable	
141	1,320	241 880 Petition to revive - unintentional	
142	1,320	242 880 Utility issue fee (or reissue)	
143	450	243 225 Design issue fee	
144	670	244 335 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Petitions related to provisional applications	
126	240	126 240 Submission of Information Disclosure Stmt	
581	40	581 40 Recording each patent assignment per property (times number of properties)	40
146	790	246 395 Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249 395 For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) _____

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

40

SUBMITTED BY

Typed or Printed Name	Complete (if applicable)		
Nathan R. Rieth		Reg. Number	44,302
<i>Nathan R. Rieth</i>	12/21/99	Deposit Account User ID	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

JCSB
12/21/99

Please type a plus sign (+) inside this box → +

PTO/SB/05 (4/98)

Approved for use through 08/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. LSI-99-299

First Inventor or Application Identifier Chintan Desai

Title Receiver Deserializer Circuit For ...

Express Mail Label No. EL100016184US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 18]
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
4. Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 18 completed)

- I. **DELETION OF INVENTOR(S)**
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

NOTE FOR INDIVIDUALS IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES: A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27) EXCEPT IF ONE FILED IN A PENDING APPLICATION IS RELIED UPON (37 C.F.R. § 1.26).

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

5. Microfiche Computer Program (*Appendix*)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (Identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (cover sheet & document(s))
8. 37 C.F.R. § 3.73(b) Statement Power of
(when there is an assignee) Attorney
9. English Translation Document (*if applicable*)
10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
Citations
11. Preliminary Amendment
12. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
 - * Small Entity Statement(s) Statement filed in prior application.
(PTO/SB/09-12) Status still proper and desired
 - 13. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
 - 14. Other: _____

16. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation Divisional Continuation-in-part (CIP) of prior application No: _____

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS
 Customer Number or Bar Code Label Correspondence address below
(Insert Customer No. or Attach bar code label here)

Name	Bruce R. Hoppenfeld			
	LSI Logic Corporation, Patent Law Department			
Address	1551 McCarthy Boulevard			
City	Milpitas	State	CA	Zip Code
Country	USA	Telephone	408-433-6100	Fax

Name (Print/Type)	Nathan R. Rieth	Registration No. (Attorney/Agent)	44,302
Signature	<i>Nathan R. Rieth</i>	Date	12/21/99

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.